Arjav Patel

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Education

Birla Institute of Technology and Science Pilani, Goa Campus — South Goa,Goa
B.E Hons in Electronics and Instrumentation Engineering — *Aug 2023 - May 2027*

Experience

Senior Application Developer — June 2024 – Present
Developers' Society BITS Goa — *BITS Pilani Goa Campus*

- Made Contributions to College projects as a Senior App Developer
- Explored front-end Frameworks like Flutter and React Native
- Explored ways to visualize GitHub collaboration

Senior Flutter Intern — December 2024 – January 2025
Pragati One — *Remote*

- Made Contributions to the Pragati One App as a Flutter Developer
- Integrated APIs to the frontend

Projects

equityMath | *Flutter, Dart, Firebase, REST API*

- Developed a full-stack stock-return calculator which retrieves data from AlphaVantage StockAPI and displays the calculated returns for a user's stock transaction
- Implemented Google OAuth to get user specific data

Waves'24 Official App | *Flutter, Firebase, Node.js*

- Developed a comprehensive app for **event tracking, pass generation**, and managing fest-related activites for **Waves 2024**, BITS Goa's annual cultural fest
- Generated over 3.5 million rupees in income through the payment interface that we created.

GiftGenie | *React.js, Python, Flask, Google Generative AI*

- Built an AI-powered gift recommendation system in a 48-hour hackathon using Google Generative AI, Python, Flask, and React.js.
- Designed a 25-question personality quiz to classify users into 5 categories and rank 20 best-fit predefined gifts.
- Ensured seamless user interaction with a full-stack architecture and dynamic ranking algorithm for personalized results

Quark'25 Official App | *Flutter, Firebase, Node.js*

- Developed a comprehensive app for **event tracking, pass generation**, and managing fest-related activites for **Quark 2025**, BITS Goa's annual technical fest
- Generated over 2.5 million rupees in income through the payment interface that we created.

Technical Skills

Languages: Java, Python, C/C++, JavaScript, Typescript, HTML/CSS
Frameworks: Flutter, Firebase, FastAPI, Flask, ExpressJS, ReactJS, NextJS
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm

Instructional Experience

Leading Instructor | Center Of Technical Education — August 2024 – November 2024
Developers' Society BITS Goa — *BITS Pilani Goa Campus*

- Served as the lead instructor for the course "Introduction to Flutter and Cross Platform Development" course, which was delivered by Center of Technical Education collaboration with the Developers' Society BITS Goa
- Curated quizzes, created assigned problem statements, and assessed submissions